

SEQUENCE LISTING

<110> Feussner et al.

<120> Linoleate- and Linolenate-Lipoxygenase-Mutants

<130> 213721

<141> US 09/937,908

<140> 2002-01-07

<150> PCT/EP00/02545

<151> 2000-03-22

<150> DE 19914464.8

<151> 1999-03-30

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<170> PatentIn Ver. 3.2

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Met Arg Ser Asn Val Leu Asp Phe Thr Glu Phe His Ser Asn Leu Leu 50 55 60

Asp Asn Phe Thr Glu Leu Leu Gly Gly Val Ser Phe Gln Leu Ile 65 70 75 80

Ser Ala Thr His Thr Ser Asn Asp Ser Arg Gly Lys Val Gly Asn Lys 85 90 95

Ala Tyr Leu Glu Arg Trp Leu Thr Ser Ile Pro Pro Leu Phe Ala Gly
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Glu Ser Val Phe Gln Ile Asn Phe Gln Trp Asp Glu Asn Phe Gly Phe 115 120 125

Pro Gly Ala Phe Phe Ile Lys Asn Gly His Thr Ser Glu Phe Phe Leu 130 135 140

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Thr Gly Glu Arg Lys Glu Trp Asp Arg Ile Tyr Asp Tyr Asp Val Tyr 210 215 220

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Phe Asn Ala Phe Lys Thr Leu Thr Glu Asp Leu Thr Pro Pro Leu Phe 340 345 350

Lys Ala Leu Val Arg Asn Asp Gly Glu Lys Phe Leu Lys Phe Pro Thr 355 360 365

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Tyr Lys Asp Asp Asn Ala Val Gln Asn Asp Phe Glu Leu Gln Ser Trp 675 680 685

Trp Asn Glu Leu Arg Glu Lys Gly His Ala Asp Lys Lys His Glu Pro 690 695 700

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REST AVAILABLE COPY

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